

Storm Data and Unusual Weather Phenomena

October 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property Crops	Character of Storm
INDIANA, Northeast								
La Porte County								
Wanatah to 4 E Rolling Prairie	24	1515EST 1553EST	33	1760	1	0	750K	Tornado (F2)
		F57MH						
St. Joseph County								
7 W Westfield to 5 W Westfield	24	1553EST 1555EST	2	150	0	0	250K	Tornado (F0)
		Tornado touched down on the north side of Wanatah in Laporte county and moved northeast into St Joseph county 4 miles east of Rolling Prairie. One woman was killed 4 miles east of Laporte in her mobile home where F2 damage occurred. Most damage was F1 with an average path width of 600 yards.						
Starke County								
North Judson	24	1515EST			0	0	0	Thunderstorm Wind
		Law enforcement reported trees and power lines down across much of the western portion of county.						
La Porte County								
La Porte	24	1520EST			0	0		Hail(0.75)
White County								
Chalmers	24	1530EST			0	0	0.50K	Thunderstorm Wind
		Trained spotter reported trees down and a TV and Radio tower down in Chalmers.						
White County								
Monticello	24	1530EST			0	0	0	Thunderstorm Wind
		Law enforcement reported trees down in Monticello.						
Pulaski County								
Star City	24	1536EST			0	0	0	Thunderstorm Wind
		Law enforcement reported trees down near Star City.						
Pulaski County								
Thornhope	24	1540EST			0	0	0	Thunderstorm Wind
		Law enforcement reported trees down near Thornhope.						
White County								
Countywide	24	1540EST			0	0	15K	Thunderstorm Wind
		Emergency manager reported trees and power lines down countywide with roof damage to several structures including barns and small business facilities.						
Starke County								
Grovertown	24	1543EST			0	0	0	Thunderstorm Wind (G61)
		A 70 MPH thunderstorm gust reported by Ham radio operator in Grovertown.						
La Porte County								
Stillwell	24	1545EST			0	0	2K	Thunderstorm Wind
		Law enforcement reported roof damage to home and power lines down near Stillwell.						
Marshall County								
Countywide	24	1600EST			0	0	0	Thunderstorm Wind
		Newspaper articles reported tree limbs and power lines down across the county.						
Fulton County								
Kewanna	24	1601EST			0	0	1K	Thunderstorm Wind
		Law enforcement reported trees down and roof damage to a home and a barn near Kewanna. A shed was also destroyed.						
Cass County								
Twelve Mile	24	1605EST			0	0	0	Thunderstorm Wind
		Law enforcement reported trees down near Twelve Mile.						
Cass County								
Lucerne	24	1620EST			0	0	0	Thunderstorm Wind
		Law enforcement reported trees down near Lucerne.						
St. Joseph County								
3 S Osceola	24	1624EST			0	0	0	Thunderstorm Wind
		HAM radio operator reported trees down near Osceola.						

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INDIANA, Northeast								
Elkhart County								
Elkhart	24	1630EST			0	0	0	Thunderstorm Wind
								Law enforcement reported trees and power lines down in Elkhart.
Kosciusko County								
2 N North Webster	24	1630EST			0	0		Hail(0.75)
Elkhart County								
Countywide	24	1635EST			0	0	10K	Thunderstorm Wind
								Emergency Manager reported trees and power lines down across the county as well as damage to roofs on houses and outbuildings.
Miami County								
2 W Converse	24	1648EST			0	0		Hail(1.00)
Huntington County								
Roanoke	24	1650EST			0	0	0	Thunderstorm Wind
								Law enforcement reported trees down in Roanoke.
Lagrange County								
Shipshewana	24	1650EST			0	0	0	Thunderstorm Wind
								Law enforcement reported trees down in Shipshewana.
Lagrange County								
5 S Valentine to Valentine	24	1650EST			0	0	2.5K	Thunderstorm Wind
								Law enforcement reported a large tree down on house near Valentine.
Wabash County								
1 NW La Fontaine	24	1650EST			0	0		Hail(0.75)
Whitley County								
2 E Columbia City	24	1650EST			0	0		Hail(1.75)
Grant County								
Mier	24	1655EST			0	0		Thunderstorm Wind (G51)
								Trained spotter reported an estimated 60 MPH thunderstorm gust.
Noble County								
Countywide	24	1700EST			0	0	400K	Thunderstorm Wind
								Noble county Fire/rescue reported trees and power lines down across much of the county. Emergency management reported damage to homes from fallen trees and roof damage.
Whitley County								
Columbia City	24	1704EST			0	0		Hail(1.25)
De Kalb County								
6 NW Waterloo	24	1737EST			0	0	3K	Thunderstorm Wind
								HAM radio operator reported roof blown off house near Waterloo.
Adams County								
5 SE Monroe	24	1750EST			0	0		Hail(0.75)
St. Joseph County								
1 SW Crumstown to 6 NNW South Bend	24	1550EST 1610EST	15	1320	0	2	3M	Tornado (F3)
								This tornado touched down just southwest of Crumstown in St Joseph county Indiana and moved northeast into Berrien county Michigan (see Storm Data for Michigan, Extreme Southwest for more information on the end portion of this tornado). In St Joseph county Indiana the most significant damage was across Crumstown, where F3 damage with a path width up to 3/4 mile occurred. The tornado then moved to near the Michiana Regional Airport and across the Indiana Turnpike causing F0-F1 damage. Two men were injured northwest of South Bend .The tornado moved into Berrien county Michigan 6 miles NNW of South Bend.
St. Joseph County								
3.8 NW Osceola to 4.7 N Osceola	24	1605EST 1609EST	2.4	50	0	0	300K	Tornado (F1)

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INDIANA, Northeast

Elkhart County

3.2 WNW (Ekm)Elkhart 24 1609EST 3 50 0 0 50K Tornado (F0)
1 N (Ekm)Elkhart Muni 1613EST

Tornado touched down near intersection of Douglas and Bittersweet Roads in eastern St Joseph county and skipped northeast into extreme northwest Elkhart county where it crossed the Indiana Toll Road before lifting. Damage included a Toll Road administration building and 2 storage facilities. 9 cars were also damaged in the parking lot.

St. Joseph County

2 SE Mishawaka to 24 1605EST 4.5 1320 0 0 1.3M Tornado (F2)
3.4 NE Osceola 1608EST

Elkhart County

4.4 W Elkhart to 24 1608EST 0.1 400 0 3 936K Tornado (F0)
4.3 W Elkhart

Tornado touched down southeast of Mishawaka and traveled northeast through the west side of Osceola before moving into Elkhart county northeast of Osceola. F2 damage occurred between Mishawaka and Osceola. The tornado then skipped as it went into Elkhart county causing F0 damage in the Cobus Green mobile home park before lifting.

Marshall County

2 SE Tippecanoe to 24 1615EST 3 150 0 0 5K Tornado (F0)
4 E Tippecanoe 1620EST

Kosciusko County

3 N Mentone to 24 1620EST 17 150 0 14 2.5M Tornado (F1)
2 NE North Webster 1650EST

Noble County

Indian Vlg to 24 1650EST 19 150 0 0 400K Tornado (F1)
Rome City 1705EST

Tornado touched down in extreme southeast Marshall county and moved northeast across Kosciusko county and into Noble county where the tornado dissipated near Rome City. Most significant F1 damage was north of Warsaw Indiana where 14 people were hurt at a factory when a wall collapsed. Most of the damage was F0-F1 along the 33 mile path. Average path width was 150 yards.

Noble County

1 E Kendallville to 24 1700EST 4 300 0 0 1.1M Tornado (F1)
3.8 NE Kendallville 1711EST

De Kalb County

3.2 NW Corunna to 24 1711EST 7 440 0 0 1M Tornado (F2)
1 N Summit 1726EST

Steuben County

.5 S Steubenville to 24 1726EST 1.5 150 0 0 20K Tornado (F0)
1 N Steubenville 1728EST



One fatality occurred when an F2 tornado struck this manufactured home 4 miles east of Laporte Indiana.

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INDIANA, Northeast

Tornado touched down east of Kendallville with F1 damage to homes and warehouses in and near the Kendallville East Industrial park. Tornado then moved northeast into Dekalb county where F2 damage occurred around Fairfield Center with significant damage to homes. Then tornado moved southeast of Ashley with F1 damage and then moved into Steuben county south of Steubenville doing F0 damage to a barn before lifting north of Steubenville.

On Wednesday 10/24/01 a surface low pressure system tracked rapidly northeast from the mid Mississippi Valley to northern Lake Michigan and deepened significantly. The accompanying cold front surged east from the Mississippi Valley during the afternoon to southeast Michigan and western Ohio in the evening. The deepening surface low was the result of a negatively tilted upper level trough approaching the Mississippi Valley. The air mass ahead of the cold front was quite unstable with lifted indices around -5C and surface dewpoints of 65-70F. Strong veering wind fields were over the area with 20-30kt S-SSE flow at the surface veering rapidly in the low levels to southwest at 45kts, then remaining unidirectional above with wind speeds increasing to 65kt at 20,000 ft. An area of Thunderstorms across Illinois in the early afternoon formed into a line as they moved into northwest Indiana. Two strong bow echoes developed over northwest and north central Indiana during the late afternoon and moved northeast at 50 MPH into southern Michigan. Numerous tornadoes occurred in the comma heads of the bow echoes. Isolated supercells ahead of the main squall line produced little severe weather except for a tornado that occurred over northwest Ohio in the evening when the squall line merged with a supercell.

INZ032

Grant

25 1230EST
1420EST

0

0

0

High Wind

Two large trees down in Marion knocked down power lines.

MICHIGAN, Extreme Southwest

Berrien County

Buchanon

24 1600EST

0

0

0

Thunderstorm Wind

Law enforcement reported trees down in Buchanon

St. Joseph County

Countywide

24 1700EST

0

0

0

Thunderstorm Wind

Law enforcement reported trees down countywide.

Branch County

Sherwood

24 1730EST

0

0

10K

Thunderstorm Wind

Law enforcement reported large power poles down with damage to roofs on a barn and an outbuilding.

Branch County

7 N Coldwater

24 1735EST

0

0

2K

Thunderstorm Wind

Law enforcement reported trees down and a barn destroyed near Coldwater.

Hillsdale County

3 E Camden

24 1800EST

0

0

10K

Thunderstorm Wind

Law enforcement reported trees and power lines down near Camden. 3 houses also had roof damage and a shed and a barn were destroyed.

Hillsdale County

1 N Frontier

24 1807EST

0

0

0

Thunderstorm Wind

Law enforcement reported trees down near Frontier.

Hillsdale County

10 E Camden

24 1810EST

0

0

5K

Thunderstorm Wind

Law enforcement reported several large grain bins and barns damaged near Camden.

Berrien County

6 S Niles to
1 SE Niles

24 1610EST
1615EST

3

440

0

0

750K

Tornado (F1)

Cass County

8 W Edwardsburg to
5 E Marcellus

24 1615EST
1645EST

24

440

0

0

5M

Tornado (F1)

St. Joseph County

1 W Howardsville to
1 N Flowerfield

24 1645EST
1650EST

5

440

0

0

100K

Tornado (F0)

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MICHIGAN, Extreme Southwest

This tornado crossed into Berrien county Michigan from St Joseph county Indiana south of Niles (see Storm Data for Indiana, Northeast for more information on the beginning portion of this tornado in Indiana). The tornado tracked northeast across extreme southeast Berrien county, then across Cass county and the northeast corner of St Joseph county Michigan. F1 damage was reported south of Niles, near Edwardsburg, and in Cassopolis. The tornado was skipping as it caused general F0 to F1 damage across northeast Cass county and northwest St Joseph county.

St. Joseph County

**3 SW White Pigeon to
1 N White Pigeon**

**24 1640EST
1643EST 4 400 0 1 322.2K Tornado (F1)**

Tornado touched down north of the Elkhart/St Joseph Michigan county line southwest of White Pigeon and skipped northeast before lifting north of White pigeon. F1 damage near SR 131 and SR 12 to buildings and high tension wires.

St. Joseph County

**2 W Colon to
2 E Leonidas**

**24 1710EST
1713EST 5 400 0 0 100K Tornado (F1)**

Tornado skipped along a 5 mile path. F1 damage included a well constructed barn destroyed with debris thrown about one half mile.

Hillsdale County

**1 SW Ransom to
1 N Ransom**

**24 1800EST
1802EST 2 60 0 0 350K Tornado (F1)**

Tornado with F1 damage mainly on the north side of Ransom. Garages and sheds destroyed and significant roof damage to homes with twisting of signs and trees.

**MIZ077>078-078>079-
079>080**

Berrien - Cass - St. Joseph - Branch

**25 0900EST
2045EST 0 0 0 High Wind**

Law enforcement reported trees and power lines down in numerous locations across these counties.

OHIO, Northwest

Van Wert County

Middle Pt

24 1826EST 0 0 Hail(0.75)

Putnam County

Ottoville

24 1830EST 0 0 Hail(1.75)

Van Wert County

Wetsel

24 1835EST 0 0 Hail(0.75)

Van Wert County

**6 E Middle Pt to
9 E Middle Pt**

**24 1835EST
1840EST 3 440 0 0 Tornado (F0)**

Putnam County

**2 SW Ft Jennings to
2 E Belmore**

**24 1840EST
1912EST 29 1320 0 0 1M Tornado (F3)**

Tornado touched down in extreme southeast Van Wert county northwest of Delphos as an F0 and moved northeast into Putnam county southwest of Fort Jennings. F3 damage occurred 2 miles southwest of Ottawa in Putnam county with significant damage to well built homes and structures. The tornado was skipping across northeast Putnam county with F1-F2 damage before lifting just south of the Henry county line east of Belmore.